

INCH-POUND

MIL-DTL-28731/26C

15 March 2004

SUPERSEDING

MIL-C-28731/26B

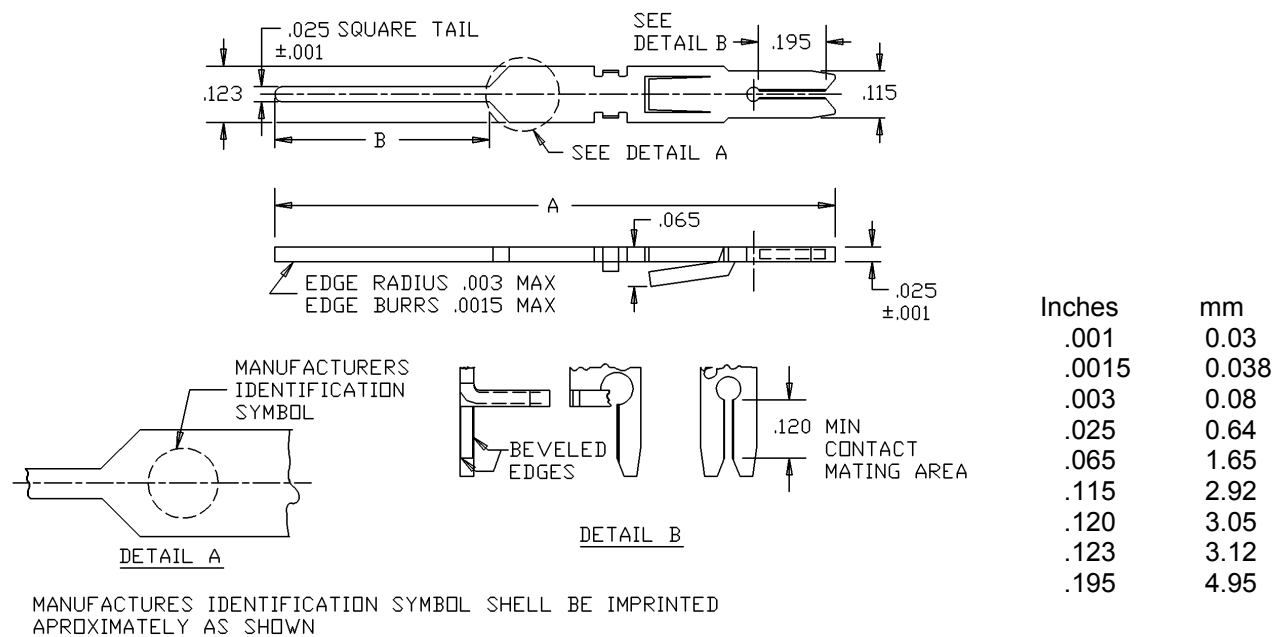
4 June 1985

DETAIL SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, CONTACT, FORK TYPE, WRAPPOST, REMOVABLE

This specification is approved for use by all Departments
and Agencies of the Department of Defense.

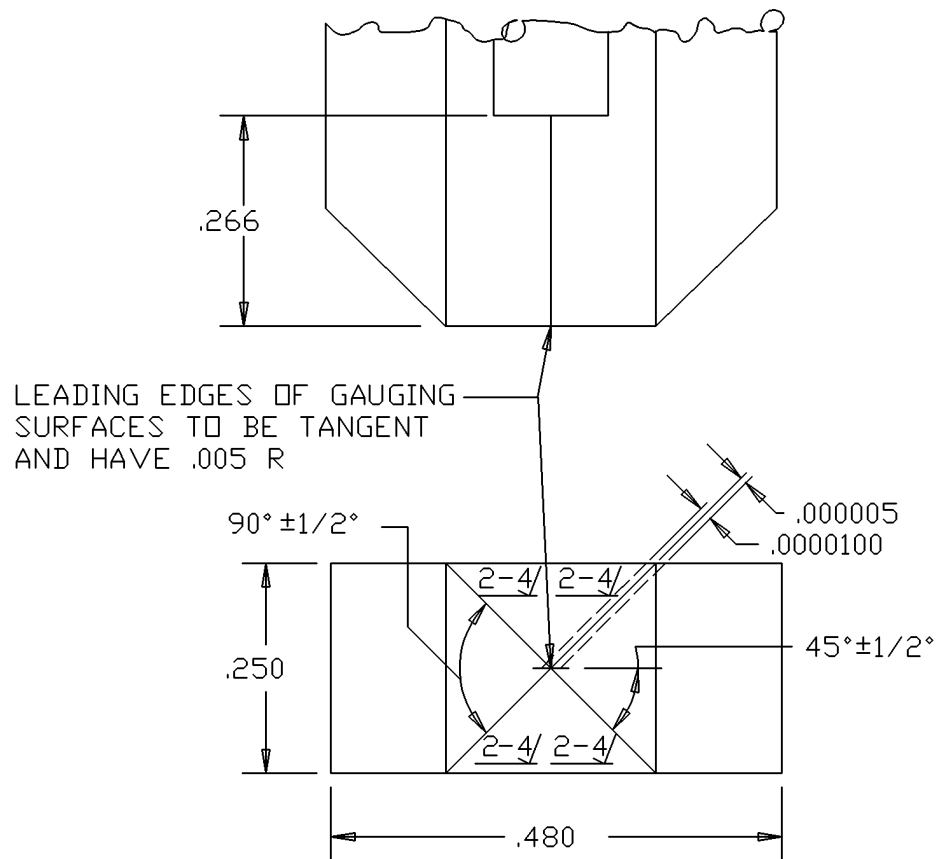
The requirements for acquiring the product described herein shall consist of this specification sheet and MIL-DTL-28731.



NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is $\pm .010$ (0.25 mm).
4. Contact insertion and removal tools MIL-I-81969/13-01 and MIL-I-81969/11-01.
5. Contacts shall be permanently imprinted with manufacturers symbol for purpose of identifying manufacturers product (see detail A).

FIGURE 1. Contact.



Inches	mm
.000005	0.00012
.0000100	0.000254
.005	0.13
.250	6.35
.266	6.76
.480	12.19

FIGURE 2. Gauge tip, test fixture, contact separation force.

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REQUIREMENTS

Dimensions and configurations: See figure 1 and 2.

Application: Contacts are used with mounted connectors having fixed actuating hardware, connectors MIL-C-28731/3 and MIL-C-28731/4 and MIL-C-28731/9 through MIL-C-28731/18. Contacts are not recommended for use on automatic wire wrap application.

Wire size: For .025 square wrappost, wire sizes 24, 26, 28 and 30 are recommended for wrappost geometry (see MIL-DTL-28731).

Current rating: 3 amperes, 24 AWG wire.

Contact separation forces: See figure 2.

Polished steel gauge from unplated contacts: 2 to 10 ounces.

Plated gold over nickel contacts: 2 to 16 ounces.

Contact mating area: Contacts may be supplied with either overall plating or localized finish. For localized finish contacts the contact mating area shall be in accordance with detail B and MIL-DTL-28731 and the tail area (dimension B on figure 1) shall be in accordance with MIL-DTL-28731.

Part or Identifying Number (PIN): M28731 – (dash number from table I).

TABLE I. Dash numbers and dimension.

Dash number	Dimension	
	"A" $\pm .015$ (0.380)	"B" $\pm .008$ (0.200)
0001	1.400 (35.56)	0.580 (14.73)
0002	0.990 (25.14)	0.179 (4.32)

Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

Reference documents. In addition to MIL-DTL-28731, this document references the following:

MIL-I-81969/11	MIL-C-28731/9	MIL-C-28731/15
MIL-I-81969/13	MIL-C-28731/10	MIL-C-28731/16
MIL-C-28731/3	MIL-C-28731/11	MIL-C-28731/17
MIL-C-28731/4	MIL-C-28731/12	MIL-C-28731/18
	MIL-C-28731/13	
	MIL-C-28731/14	

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CONCLUDING MATERIAL

Custodians:

Army - CR
Navy - EC
Air Force - 11
DLA - CC

Preparing activity:

DLA - CC

(Project 5935-4508-004)

Review activities:

Army - AR, AT, AV, CR4, MI
Navy - AS, MC, OS
Air Force -19, 99

NOTE: The activities listed above were interested in this document as of the date of this document. Since organization and responsibilities can change, you should verify the currency of information above using the ASSIST Online database at <http://www.dodssp.daps.mil>.